AEE/YPR/SBR/96/2017-18
12.03.2018

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other works)

No.:1st & Part Bill
Division: RR Nagara
Bill received No.:
Scheduled Docket No
Name of work(As per sanctioned Estimate):

Dated:
Sub-Division: Yeshwanthpura
dated Sub-Divisional Cash Book Vr.No: Dated:
Head of Account:

Remodelling of segregation point, RCC drain and development of water body at JP Park (Muthyalanagara) in ward no 17.

Name of Contractor and full address: **K.Damodhar & Co.,**

Work Order No:EE/RRND/Wo.No/29/2016-17 Date:- 11.05.2017 Job Code:-017-15-000032

Certified that the measurements were taken by me on 20/10/17 and recorded on pages 366694 to 366698 of Measurement Book No. 3667/15-16 and that the work is satisfactorily executed

For M/s. K Damodar & Co.
Managing Partner
Contractor

Officer -in-charge of the work

Certified that the measurements were checked by me on 30/10/17 and found correct.The work is

Assistant Executive Engineer
Yeshwanthpur Sub-Division.
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

II Memorandum

1	Total value of work done or supplies made asper Account within		Bill Amt 3684294=00
2	Deduct amount to be held in reserve being	percent Rs.	IT 73690=00
3		Balance	GST —NIL—
4	Deduct payments:-		
	a)Amount of previous payments as in Divisional/Sub-Divisional Cash Book		FSD 360370=00
	b)Payment Amount adjusted towards cash advance recovery of cost of		L.W 36845=00
	Now made { Stores of other materials supplied / Recovery of amount creditable to this other work / Amount paid on this bill by cheque/cash		EBF 37700=00
			Royalty 79689=00
			Deduct 554294=00
5	Balance being unpaid value of work done held in reserve		
6	Deduct cash advance made on Divisional/Sub-Divisional cash Book Vr.No Dated	Less adjustments	
7	Net amount due to or from Contractor		
	UN ADJUSTED ITEMS		
8	Advance to contractor for materials brought to site(as detailed within)		
9	Value of Government materials supplied		
	Total amount unpaid		31,30,000

For M/s. K Damodar & Co.
Managing Partner
Contractors signature

(For use in the Executive Engineer's office)

Received (jn words) .....
.....by cash and by adjustment of
(In the final settlement of all demands)
Witness:
1
2
Date
Paid by me cheque No
Cash Rs
Date Initials of officer making payment

For M/s. K Damodar & Co.
Signature of contractor/partner
dated

Admitted Rs. 36.84.294=00
Cheque Rs. 31.30.000=00 Thirty one lakhs Thirty Thousand only
Adjustment Rs 5.54.294=00

Case worker | Accounts Superintendent | Exective Engineer

Scanned by CamScanner

Scanned by CamScanner

ABSTRACT OF BILL -1st and Part Bill

NAME OF THE WORK: Remodelling of segregation point, RCC drain and development of water body at JP Park (Muthyalanagara) in ward no 17.

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
1	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications	Sqm	1000.00	8.00	0.00	0	0.000	8.0	0	0.00	0.00
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications	Cum	127.20	220.00	0.00	0	46.230	220.0	10171	46.23	10170.57
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	43.34	6200.00	0.00	0	5.250	6200.0	32550	5.25	32550.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
4	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification	Cum	49.39	5200.00	0.00	0	0.000	5200.0	0	0.00	0.00
5	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications	Cum	45.78	8000.00	0.00	0	0.000	8000.0	0	0.00	0.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
6	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications	Cum	18.00	7900.00	0.00	0	18.000	7900.0	142200	18.00	142200.00
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	MT	4.58	83000.00	0.00	0	1.098	83000.0	91174	1.10	91174.26
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications	Sqm	309.53	350.00	0.00	0	150.000	350.0	52500	150.00	52500.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing ete., complete.	Sqm	45.00	914.00	0.00	0	45.000	914.0	41130	45.00	41130.00
10	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded)	Mtr	8300.00	35.00	0.00	0	8300.000	35.0	290500	8300.00	290500.00
11	Providing and constructing precast concrete solidblocks with compressive strength not less than 3.5 N/sq.mm with cement mortor 1:4 masonary (quoin,jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to IS 2185/1965 in superstructure including cost of materials , labour charges , scaffolding , including cost of all materials	Sqm	277.68	1171.00	0.00	0	0.000	1171.0	0	0.00	0.00
12	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	277.68	191.00	0.00	0	0.000	191.0	0	0.00	0.00
13	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	277.68	229.00	0.00	0	0.000	229.0	0	0.00	0.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
14	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification.	Kgs	10000.00	147.00	0.00	0	0.000	147.0	0	0.00	0.00
15	Providing and laying to required line and slope roofing with semi-corrugated (Trafford) asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm. dia C.I plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications.	Sqm	240.00	469.00	0.00	0	0.000	469.0	0	0.00	0.00
16	Wire mesh 50mm x 50mm	Sqm	32.93	350.00	0.00	0	0.000	350.0	0	0.00	0.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
17	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications	Sqm	39.00	6600.00	0.00	0	0.000	6600.0	0	0.00	0.00
18	Filling available excavated earth in sides of foundations upto plinth in layers not exceeding 20cms in depth , compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m including cost of all labour complete as per specifications	Cum	1500.00	100.00	0.00	0	1500.000	100.0	150000	1500.00	150000.00
19	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications	Cum	1575.00	80.00	0.00	0	1575.000	80.0	126000	1575.00	126000.00
20	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications	Cum	1050.00	6.00	0.00	0	1050.000	6.0	6300	1050.00	6300.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
21	Construction of embankment using nanotechnology material. Construction of embankment with approved material gravel/murrumt with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications.	Cum	4340.00	340.00	0.00	0	4340.000	340.0	1475600	4340.00	1475600.00
22	Construction of granular sub-base by providing Coarse graded crushed stone aggregates of granite / trap / basalt material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications.	Cum	157.50	1700.00	0.00	0	157.500	1700.0	267750	157.50	267750.00
23	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	210.00	1750.00	0.00	0	210.000	1750.0	367500	210.00	367500.00
24	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	1050.00	32.00	0.00	0	1050.000	32.0	33600	1050.00	33600.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
25	Providing and applying tack coat using 80/100 grade bitumen (VG10) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	2100.00	16.00	0.00	0	2100.000	16.0	33600	2100.00	33600.00
26	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-1 (80 mm to 100mm) with 3.1 % VG-30 Bitumen transportation etc., complete.(P.No.28, I.No.5.30 of PW,P&IWTD S.R 2013-14)	Cum	52.50	6000.00	0.00	0	52.500	6000.0	315000	52.50	315000.00

Scanned by CamScanner

It No	Description of Item	Unit	BOQ	Rate	Previous Measurements		Present Measurements			Total upto date	
					Quantity	Amount	Quantity	Rate	Amount	Quantity	Amount
27	Providing and laying semi dense bituminous concrete compacted thickness with bitumen using crushed aggregates of grade II, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications.using 40/60 TPH capacity HMP with mechanical paver Gr-1 (25mm to 30mm) with 5% VG-30 bitumen	Sqm	26.25	9475.00	0.00	0	26.250	9475.0	248719	26.25	248718.75
	Grand total					0			3684294		3684294

Certificate:

1 Certified that the work done by the agency if satisfied.
2 Amount accepted and chargable to the above work.
3 Certified that the debries are cleared from the spot by the agency.
4 Certified that the Necessary Q.C test Results are got obtained from the compitent authority and are enclosed along woth the bill.

Asst Engineer
Ward-17

For M/s. K Damodar & Co.

Managing Partner

Asst Executive Engineer
Yeshwanthpura Sub Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ